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Transmitted via email

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NATIONAL ENGINEERING HANDBOOK  
NEH-210-VI  
PART 642, MN ISSUE 1

SUBJECT: ENG – MINNESOTA NATIONAL ENGINEERING HANDBOOK (NEH) PART 642  
SPECIFICATIONS FOR CONSTRUCTION CONTRACTING

Purpose. NEH Section 20, Construction and Material Specifications were replaced by NEH Part 642. This issue distributes MN NEH Part 642 in its entirety as a complete replacement of MN NEH Section 20.

Effective Date. Effective upon receipt.

A CD with these specifications is being provided to each Area Engineer and is available to download on the MN NRCS website. All bulletins and supplements of the MN NEH Section 20, Construction and Material Specifications dated in the 1980s and 1990s are cancelled.

#### **Chapter 1 of MN NEH Part 642**

The format for the construction specification instructions and the material specifications has been changed to two columns. This change is in accordance with the NRCS Directives System and by other standard and specification sources such as the ASTM, etc. The one-column format for the construction specifications remains. Refer to Chapter 1 of the National Engineering Handbook, Part 642 for general contract specification procedures.

#### **Chapter 2, Minnesota Construction Specifications and Interims**

The following Minnesota Construction Specifications with Instructions are new:

MN-44	Corrugated Polyethylene Tubing
MN-45	Plastic Pipe
MN-61	Rock Riprap
MN-64	Wire Mesh Gabions and Mattresses Twisted (Woven) or Welded Mesh
MN-97	HDPE and LLDPE Liner
MN-98	Geosynthetic Clay Liner
MN-201	Articulated Concrete Mats
MN-227	Waterways - Topsoiled

All other existing construction specifications have been reviewed, reformatted and updated. Minor changes were made to some of the specifications.

The following Minnesota Construction Specifications are cancelled:

MN-63	Treatment of Rock Surfaces
MN-208	Water Control Valves (replaced by MN-71)
MN-209	Vertical Relief Drains - Uncased
MN-210	Channel Excavation (replaced by MN-21)

MN-212 Rock Riprap (replaced by MN-61)  
MN-222 Wire Mesh Gabions and Mattresses (replaced by MN-64)  
MN-250 Corrugated Thermoplastic Tubing (replaced by MN-44)  
MN-251 Plastic Pipelines and Conduit (replaced by MN-45)  
MN-255A Obstruction Removal - logjams  
MN-255B Obstruction Removal - Soil Deposition  
MN-256 Geosynthetic Clay Liner (replaced by MN-98)

### **Chapter 3, Material Specifications**

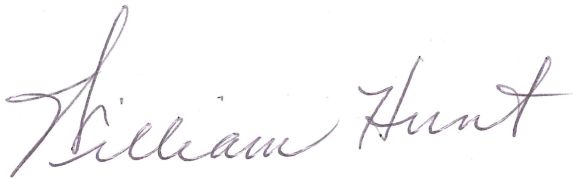
The following Minnesota Material Specification has been revised:

MN-523 Rock for Riprap

The following Minnesota Interim Material Specifications are cancelled:

MN-300 Rock for Riprap (replaced by National Material Specification (NMS)-523)  
MN-304 Corrugated Thermoplastic Tubing and Fittings (replaced by NMS-548)  
MN-351 Water Reducing and Set-Retarding Admixtures for Portland Cement Grout (replaced by NMS-533)  
MN-352 Plastic Pipe and Conduit (Polyvinyl Chloride) (replaced by NMS-547)

For all other Material Specifications, use the National Material Specifications, NEH Part 642. They can be downloaded at [http://www.nrcs.usda.gov/Technical/ENG/material\\_specs.html](http://www.nrcs.usda.gov/Technical/ENG/material_specs.html)



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State Conservationist

Attachment

<http://www.mn.nrcs.usda.gov/technical/eng/index.html>

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